

## ABSTRACT

A method, apparatus, and system are provided for use in performing a limited channel mapping. In some embodiments a method can select an input of a plurality of inputs, select a single modulation scheme of a plurality modulation schemes delivered  
5 through the selected input, tune in a plurality of channels for the single modulation scheme, determine if a broadcast is received on each of the channels, record channels that are determined to receive broadcasts in a channel map, and not performing a full auto-program. Some embodiments further scan a signal associated with the first modulation scheme, identify channels carrying broadcast information, comparing previously defined  
10 channel assignments of the channel map with the identified channels during the scan, and initiate the tuning, the determining and the recording when a difference is detected when comparing the channel assignments.